

Title (en)

ACTUATOR FOR VALVES IN INTERNAL COMBUSTION ENGINES

Title (de)

AKTOR FÜR VENTILE IN VERBRENNUNGSKRAFTMASCHINEN

Title (fr)

ACTIONNEUR POUR SOUPAPES DANS UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 14767025 A 20140919

Priority

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- EP 2014070009 W 20140919

Abstract (en)

[origin: WO2015058915A1] Actuators for valves in internal combustion engines comprising an electromagnet (10), an actuator housing (12) in which the electromagnet (10) is arranged, and a yoke plate (30) of the electromagnet (10), which is arranged on an axial end of the actuator housing (12), are known. However, these exhibit leaks along the gap between the injection moulded plastic housing and the yoke plate. To prevent this, according to the invention a seal ring (42) is arranged on the axial side of the yoke plate (30) facing the electromagnet (10), which seal ring is pressed axially in the direction toward the yoke plate (30) via a clamping plate (44; 48).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2015058915A1

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